

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

O I P E SC177  
SEP 17 2004  
PATENT & TRADEMARK OFFICE  
Re Patent Application of: \_\_\_\_\_  
Kazuo Nakamura et al.  
Serial No. 10/066,542  
Filed: February 5, 2002  
For: SEMICONDUCTOR DEVICE AND METHOD FOR  
MANUFACTURING THE SAME

)  
Examiner: Bradley Baumeister  
Group Art Unit: 2815

RECEIVED

SEP 21 2004

TECH CENTER 2800

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
220 20<sup>th</sup> Street S.  
Customer Window, Mail Stop \_\_\_\_\_  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, Virginia 22202

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

It is requested that the accompanying PTO-1449 be considered and made of record in the above-identified application. To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initial a copy of this form be returned to the undersigned.

The Commissioner is hereby authorized to charge any fees connected with this filing which may be required now, or credit any overpayment to Deposit Account No. 19-2380.

Respectfully submitted,

By: \_\_\_\_\_

Jeffrey D. Costellia  
Registration No. 35,483

NIXON PEABODY LLP  
Suite 900  
401 9<sup>th</sup> Street, N.W.  
Washington, DC 20004-2128

Telephone: (202) 585-8000

RECEIVED

SEP 21 2004

Substitute for form 1449A/PTO				TECH CENTER 2800	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>					
Sheet	1	of	2	Application Number	10/066,542
				Filing Date	February 5, 2002
				First Named Inventor	Osamu NAKAMURA et al.
				Art Unit	2815
				Examiner Name	Bradley Baumeister
				Attorney Docket Number	740756-2431

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-4,727,044	02/23/1988	Yamazaki	
		US-5,248,630	09/28/1993	Serikawa et al.	
		US-5,550,070	08/27/1996	Funai et al.	
		US-5,551,984	09/03/1996	Tanahashi	
		US-5,696,003	12/09/1997	Makita et al.	
		US-5,851,860	12/22/1998	Makita et al.	
		US-5,960,252	09/28/1999	Matsuki et al.	
		US-5,970,327	10/19/1999	Makita et al.	
		US-5,997,286	12/07/1999	Hemsath et al.	
		US-6,013,544	01/11/2000	Makita et al.	
		US-6,015,593	01/18/2000	Yonkoski et al.	
		US-6,083,324	07/04/2000	Henley et al.	
		US-6,162,667	12/19/2000	Funai et al.	
		US-6,168,981 B1	01/02/2001	Battaglia et al.	
		US-6,287,988 B1	09/11/2001	Nagamine et al.	
		US-6,306,694 B1	10/23/2001	Yamazaki et al.	
		US-6,331,457 B1	12/18/2001	Yamazaki et al.	
		US-6,337,259 B1	01/08/2002	Ueda et al.	
		US-6,346,730 B1	02/12/2002	Kitakado et al.	
		US-6,362,507 B1	03/26/2002	Ogawa et al.	
		US-6,391,690 B2	05/21/2002	Miyasaka	
		US-6,399,988 B1	06/04/2002	Yamazaki	
		US-6,420,758 B1	07/16/2002	Nakajima	
		US-6,426,276 B1	07/30/2002	Ohnuma et al.	
		US-6,429,097 B1	08/06/2002	Voustas et al.	
		US-6,436,745 B1	08/20/2002	Gotou et al.	
		US-6,461,943 B1	10/08/2002	Yamazaki et al.	
		US-6,489,189 B2	12/03/2002	Yamazaki et al.	
		US-6,512,504 B1	01/28/2003	Yamauchi et al.	
		US-6,531,713 B1	03/11/2003	Yamazaki	
		US-6,534,826 B2	03/18/2003	Yamazaki	
		US-6,541,294 B1	04/01/2003	Yamazaki et al.	
		US-6,576,926 B1	06/10/2003	Yamazaki et al.	
		US-6,579,736 B2	06/17/2003	Yamazaki	
		US-6,680,577 B1	01/20/2004	Inukai et al.	
		US-6,709,902 B2	03/23/2004	Kitakado et al.	
		US-6,737,304 B2	05/18/2004	Yamazaki et al.	
		US-6,743,649 B2	06/01/2004	Yamazaki et al.	
		US-2002/0028543	03/07/2002	Yamazaki et al.	
		US-2002/0086469	07/04/2002	Kim et al.	
		US-2002/0098628	07/25/2002	Hamada et al.	
		US-2002/0102764	08/01/2002	Yamazaki et al.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at 222.uspto.gov or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NVA305108.1

RECEIVED

SEP 21 2004

Substitute for form 1449A/PTO				<i>TECH CENTER 2200</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>					
Sheet	2	of	2	Attorney Docket Number	740756-2431

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-2002/0115271 A1	08/22/2002	Yamazaki et al.	
		US-2002/0125480 A1	09/12/2002	Nakamura et al.	
		US-2002/0134981 A1	09/26/2002	Nakamura et al.	
		US-2002/0142554 A1	10/03/2002	Nakajima	
		US-2002/0151120 A1	10/17/2002	Yamazaki et al.	
		US-2002/0151154 A1	10/17/2002	Yamazaki et al.	
		US-2002/0164843 A1	11/07/2002	Yamazaki et al.	
		US-2002/0187594 A1	12/12/2002	Yamazaki et al.	
		US-2002/0197785 A1	12/26/2002	Yamazaki et al.	
		US-2003/0060057 A1	03/27/2003	Raaijmakers et al.	
		US-2003/0062499 A1	04/03/2003	Yamazaki	
		US-2003/0132900 A1	07/17/2003	Yamauchi et al.	
		US-2003/0197179 A1	10/23/2003	Yamazaki et al.	
		US-2004/0065902 A1	04/08/2004	Yamazaki et al.	
	US-				
	US-				
	US-				

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> Number <sup>4</sup> (if known)			
		JP-06-151414	05/31/1994	Yamada	AB
		JP-10-055951	02/24/1998	Yoshizawa	AB
		JP-2000-105081	04/11/2000	Takahashi	AB
		JP-2001-267264	09/28/2001	Horiuchi et al.	AB

Examiner Signature	Date Considered
--------------------	-----------------

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.